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C0070006  
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## OGMCOAL - Information on changing water monitoring requirements

From: Kevin Lundmark  
To: Dennis Ware  
Date: 3/17/2010 12:06 PM  
Subject: Information on changing water monitoring requirements  
CC: Jim Smith; OGMCOAL; rbwhite@earthfax.com

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Dennis,

As we discussed yesterday, I understand that you are working on an amendment to request termination of water monitoring at the Star Point Mine, and that you would like some guidance on the process. I have put together a few thoughts and references in this email which should help you with the process.

The current revised water monitoring program in the MRP as referenced in Section 700 is contained in MRP Exhibit 728h (April 12, 2002 EarthFax Report "Star Point Hydrologic Amendment", see A below). Exhibit 728h identifies two surface water sites (10-1 and ST-1) for monitoring through Phase II Bond Release, and one spring (971) for monitoring until resolution of the citizen complaint received August 19, 1998 (see B, below). The revised monitoring program was reviewed and approved in March 2002 (see C and D).

Our review of the amendment will definitely include a review against R645-301-731.214 and -731.224, which describe the requirements for modifying/terminating groundwater and surface water monitoring. Monitoring programs may be modified if the operator demonstrates, using monitoring data, that either:

1. The operator has minimized disturbance to the hydrologic balance in the permit and adjacent areas and prevented material damage to the hydrologic balance outside the permit area, water quantity and quality are suitable to support approved postmining land uses and the mining and reclamation activity has protected or replaced the water rights of other users; or
2. Monitoring is no longer necessary to achieve the purposes set forth in the approved monitoring plan

The application must therefore address one or both of these options. My take is that option 2 would be easier to demonstrate, as Exhibit 728h clearly states the purposes of the monitoring locations; however, please feel free to pursue either or both options. Regardless, you will need to include some sort of documentation that the August 19, 1998 citizen's complaint has been resolved.

Below I have provided links to documents from our online coal permit files database. You should be able to log in using "ogmquest" as both username and password. Please contact me at 801 538 5352 with any questions or if you'd like to discuss further.

Kevin

A - Cover letter and C1/C2 for the 1/14/2002 submittal from PMC requesting reduced water monitoring (note that this was submitted as cover to MRP Exhibit 728h, which is the EarthFax report):  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/2002/INCOMING/0002.pdf>

B - 8/19/1998 Citizen's Complaint:  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/1998/INCOMING/0018.pdf>

C - 3/22/2002 conditional approval and Technical Analysis (TA) for reducing monitoring requirements:  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/2002/OUTGOING/0003.pdf>

D - 3/15/2002 Tech Memo (essentially the same as the TA):  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/2002/INTERNAL/0006.pdf>

E - 9/29/1998 DOGM letter addressing the citizens' complaints about Spring 971:  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/1998/OUTGOING/0004.pdf>

F - 9/9/1998 Technical Field Visit Form, Spring 971:  
<https://fs.ogm.utah.gov/FILES/COAL/PERMITS/007/C0070006/1998/OUTGOING/0008.pdf>

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